The moonlighting function of pyruvate carboxylase resides in the non-catalytic end of the TIM barrel

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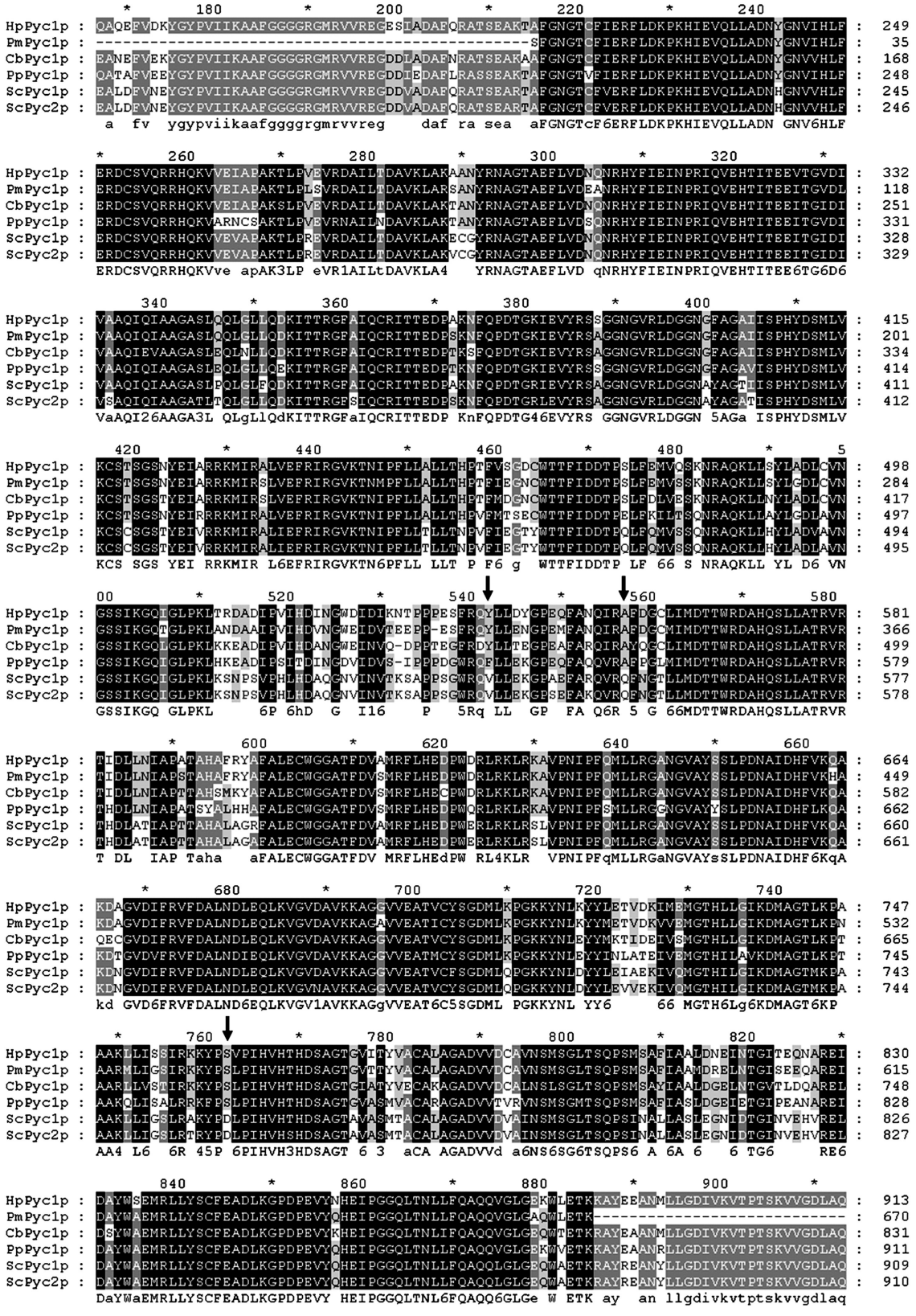

Fig. S1. Alignment of pyruvate carboxylases from the methylotrophic yeast *Hansenula polymorpha* (HpPyc1), *Pichia pastoris* (PpPyc1), *Pichia methanolica* (PmPyc1), and *Candida boidinii* (CbPyc1) and both pyruvate carboxylases from *Saccharomyces cerevisiae* (ScPyc1 and ScPyc2). The aligned region contains a large part of the TC domain and the linker region, which links the BC to the TC domain. The three residues (arrows) that are important for the moonlighting function of Pyc1 are conserved in the methylotrophic species but not in *S. cerevisiae*.